



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application: Adam Stanislaw Wyszynski  
Serial No.: 08/579,072  
Filed: December 22, 1995  
Art Unit: 2515  
Examiner: Unknown  
For: SIGNAL-TO-NOISE OPTIMIZED FULLY  
MONOLITHIC VIDEO RECEIVER IF CHANNEL

Assistant Commissioner for Patents  
Washington, D.C. 20231

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3-21-96 Date of Signature

INFORMATION DISCLOSURE STATEMENT

Pursuant to Applicant's duty, under 37 C.F.R. § 1.56, §1.97 and §1.98, to disclose  
all relevant material, the Applicant lists below the following references believed to be  
relevant to the subject matter of the above-identified application:

	<u>Patent No.</u>	<u>Issue Date</u>	<u>Inventor</u>
1.	3,921,077	11/18/75	Suzuki, Kouzi
2.	3,289,088	11/29/66	Berger, Gerald M.
3.	5,287,558	02/15/94	Hansen, Jens
4.	4,984,292	01/08/91	Millen, Ted I.
5.	4,466,133	08/14/84	Price, Alistair J.
6.	4,406,019	09/20/83	Ide et al.
7.	4,031,469	06/21/77	Johnson, Edgar A.

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Reference 1. Patent No. 3,921,077 issued to Kouzi Suzuki, entitled "Noise Reduction Apparatus," discloses a noise reduction apparatus which includes a variable filter circuit which frequency characteristics vary in response to the program material processed by the filter.

Reference 2. Patent No. 3,289,088 issued to Gerald M. Berger, entitled "Automatic Non-Linear Gain Control Circuit," discloses a variable attenuation transistor circuit arrangement placed before the IF amplifier, the circuit acting on the input signal.

Reference 3. Patent No. 5,287,558 issued to Jens Hansen, entitled "FM Receiver," discloses an FM receiver which includes an amplitude controller with feedback control means, the controller in front of the mixer and bandpass filter.

Reference 4. Patent No. 4,984,292 issued to Ted I. Millen, entitled "Bandpass Amplifier and Receiver Using Bandpass Amplifier," discloses a bridged "T" network combined with a single stage operational amplifier which includes a capacitor to correct phase shift cause by bridged "T" network, thus reducing feedback.

Reference 5. Patent No. 4,466,133 issued to Alistair J. Price, entitled "Radio Receiver Apparatus Including Multipath Fade Compensating Arrangement," discloses a radio receiver apparatus including a multipath fade compensating circuit comprised of a single-pole filter circuit.

Reference 6. Patent No. 4,406,019 issued to Ide et al., entitled "Selectivity Means in Amplitude Modulated Radio Receivers," discloses a selectivity element having an

essentially rectangular characteristic which encompasses the desired or tuned channel thereby eliminating adjacent channel interference.

Reference 7. Patent No. 4,031,469 issued to Edgar A. Johnson, entitled "Receiver Gain Calibration," discloses a gain calibration method in which a stable fixed level calibration signal at the frequency of the receive IF frequency is injected into the circuitry between the first mixer and the IF amplifier.

Applicant respectfully submits that the invention in the above-identified application is patentably distinguishable over the cited references known to Applicant and disclosed in the above Information Disclosure Statement.

Respectfully submitted,



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